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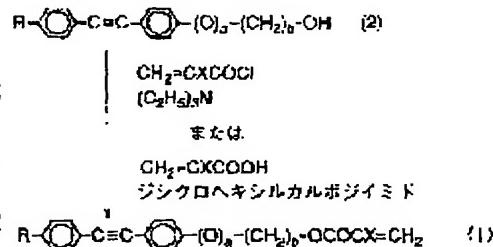
## (54) ACRYLATE COMPOUND AND LIQUID CRYSTAL DEVICE USING THE SAME

## (57)Abstract:

PURPOSE: To obtain a novel acrylate compound useful as a liquid crystal device capable of reducing a difference in transmittance between a rise and a fall in voltage in electrooptical characteristics, i.e., the hysteretic width and providing the high-quality gradation display.

CONSTITUTION: This acrylate compound is expressed by formula I [R is 1-20C alkyl or alkoxy; X is H or methyl; (a) is 0 or 1 and (b) is 0-10 when (a) is 0 and 1-10 when (a) is 1], e.g. [4-(4-npentyl)phenylethylyn]phenyl acrylate.

The acrylate compound expressed by formula I is obtained by reacting a compound expressed by formula 2 with acryloyl or methacryloyl chloride in a solvent by using a base such as triethylamine or reacting the compound expressed by formula (2) with acrylic or methacrylic acid in a solvent by using a condensing agent such as dicyclohexylcarbodiimide.



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